See attached form for additional information

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 87-R-0001

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Utah

CUSTOMER NUMBER:

NOT A FOIA DELETION

615 Arapeen Drive

Telephone: (801)581-6840

Ste. 116

Salt Lake City, UT 84108

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs	0	16	178	0	194
5. Cats	0	0	22	0	22
6. Guinea Pigs	0	0	1164	0	1164
7. Hamsters	0	0	239	0	239
8. Rabbits	0	67	487	0	554
9. Non-human Primate	0	4	20	0	24
0. Sheep	0	0	46	0	46
1. Pigs	0	0	138	0	138
2. Other Farm Animals					
Goats	0	0	50	0	50
3. Other Animals				0	
Gerbils	0	0	176	0	176

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and follo actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal ca

 NAME & TITLE OF C.E.O. OR INSTITUTIONAL DEFICIAL / Type or Print	IDATE SI
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	lo,

### FACILITY LOCATIONS ATTACHMENT

HSDA, APPIS, AC SACRAMENTO, DA

ARC

BIO

**BIOP** 

**CVRTI** 

LARF

SOM

FARM

IACUC OFFICE

( AUG 91 )

See attached form for additional information

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	certificate number: 87-R-0003     customer number: 3	FORM APPROVED OMB NO. 0579-0036
ANNUAL REPORT OF RESEARCH FACILITY  ( TYPE OR PRINT )	Brigham Young University A-261, Asb	Telephone: (801)378-6882
	Provo, UT 84602	· ·

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

А. В.	Number of animals being	C. Number of animals upon	D. Number of animals upon which	E. Number of animals upon which teaching, experiments, research, surgery or tests were	F.
Animals Covered By The Animal Welfare Regulations	conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	expariments, insearch, sorgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached	C+D+E)
I. Dogs		THE COURSE WAS ARREST AND	30		30
i. Cats			18		18
. Guinea Pigs			-		i
. Hamsters					:
, Rapbits	3		23		28
. Non-human Primate		A 100-100 ATTO	4.0		
D. Sheep					
I. Pigs				· · · · · · · · · · · · · · · · · · ·	
2. Other Farm Animals					
3. Other Animals					
Black Bears		8			8
White-tailed ar	ntelope sq	irrel 9		The state of the s	9
Cliff Chipmunk		1			1
ASSURANCE STATEMENTS				The state of the s	1
Professionally acceptable actual research, teaching	standards governin	ng the care, treatment, an	d use of animals, including approp	oriate use of anestetic, analgesic, and tranquilizing drugs,	prior to, during, and follo
Each principal investigate				1 1 2000	
investigator and approve	d by the Institutional	I Animal Care and Use Co	ommittee (IACUC). A summary of al	ns to the standards and regulations be specified and expl I such exceptions is attached to this annual report. In add species and number of animals affected.	
				idequate veterinary care and to oversee the adequacy of o	ther aspects of animal ca
,			BY HEADQUARTERS RESEAR re Officer or Legally Responsib		
SIGNATURE (			NAME & TITLE OF C.E.O	O. OR INSTITUTIONAL OFFICIAL ( Type or Print	DATE SIGNED
APHIS FORM 7025		(UC) oo), which is obsole	to.		-11 1

See reverse side for additional information. Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

## CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	F RESEARCH FACILITY	(Attach adiditional sheets if ne	التنب المنتفعة والمرازع والمتناف المنتف والمرازع والمنتف والمرازع والمنتف والمرازع والمرازع والمرازع	
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the unimals and for which appropriate unesthetic, analgesic, or	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used.)	TOTAL NO OF ANIMALS  (Cols. C + D • E)
12. &/OR 13. Other (List by species)	purposes.	use of pain- relieving drugs.	tranquilizing drugs were used:	must be attached to this report).	
Valley Pocket Goph	er	1			1
Ord's Kangaroo Rat		98			98
Northern Grasshop	er Mouse	10			10
Silky Pocket Mouse		72			72
Great Basin Pocket	Mouse	1			1
Apache Pocket Mous	e	3			3
Sagebrush Vole		1			1
Long-tailed Vole		1			1
Desert Woodrat		19			19
Brush Mouse		76			76
Canyon Mouse		48			48
Deer Mouse		533			533
Pinyon Mouse		316			316
Western Harvest M	use	79			79
				Land to the second	

1).	. Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, a	analgesic, ar	id tranq	juilizing drugs,	prior to, during
	and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.	1.00	,	2000	
		MOV	1 1	2000	. *

2). Each principal investigator has considered alternatives to painful procedures.

4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
		1				

ASSURANCE STATEMENTS

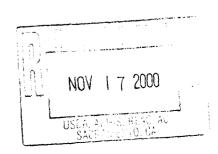
<sup>3).</sup> This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and rexplained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report in addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

Customer ID and Site Address:

Cust ID: 3

9th Floor, Widtsoe Building Provo, UT 84602 1231 County: Utah

Telephone (801)378-6882



DATE SIGNED

N -22-00

This recort is required by law (7 USC 2143). Failure to report according to the regulations

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 87-R-0004

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

L D S Hospital 8th Avenue And C Street

CUSTOMER NUMBER: 4

Telephone:

(801)321-1100

Salt Lake City, UT 84143

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print

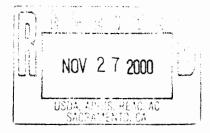
3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E)
I. Dogs			5		5
5. Cats					
6. Guinea Pigs	1		1		
'. Hamsters	1				
3. Rabbits	!	45	1		45
). Non-human Primate	f ·				
0. Sheep					
1. Pigs	;		:		
2. Other Farm Animals					
3. Other Animals	1				
Mice	1		30		!
Rats			7		
	1				
ASSURANCE STATEMENTS	S	<del></del>	<del>'</del>	The second secon	
actual research, tead  2) Each principal inves  3) This facility is adher investigator and app IACUC-approved ex-	ching, testing, surgery, or stigator has considered al ring to the standards and proved by the Institutiona ceptions, this summary in	r experimentation were foll ternatives to painful proce regulations under the Act, I Animal Care and Use Cor cludes a brief explanation	lowed by this research facility. Edures.  and it has required that exception mmittee (IACUC). A summary of all to the exceptions, as well as the	riate use of anestetic, analgesic, and tranquilizing drugs, prior NOV 2 2000  ns to the standards and regulations be specified and explaine such exceptions is attached to this annual report. In addition species and number of animals affected.	od by the principal n to identifying the
4) The attending veteri	narian for this research fa	acility has appropriate aut	hority to ensure the provision of a	dequate veterinary care and to oversee the adequacy of other	aspects of animal ca

Customer ID and Site Address:

Cust ID: 4

8th Avenue And C Stre Salt Lake City, UT 84143 County: Salt Lake Telephone (801)321-1100



This report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information

CC. JA

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-R-0008

CUSTOMER NUMBER: 5

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Weber State University 3750 Harrison Blvd.

2505

Telephone:

(801)626-7931

Ogden, UT 84408 - 7505

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

A.  Animals Covered By The Animal Welfare Regulations  B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y		being animals upon upor which teaching, experiments, or tests use in experiments, or tests were conducted accordants, involving no district, or pain, distress, or and		umber of animals con which speriments, teaching, search, surgery, or sts were conducted volving companying pain or stress to the animals and for which oppropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to		F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )			
4. Dogs		0	0 0		0			$\phi$	)	
5. Cats				T	;				+	
6. Guinea Pigs										
7. Hamsters			1						ĺ	
8. Rabbits					:					
9. Non-human Primate					:					
0. Sheep										
1. Pigs					:					
2. Other Farm Animals										
3. Other Animals	:	9								
					:				:	
				6		$\bigcirc$			<i>-</i>	)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and follo actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal ca

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )	
SI	NAMES THE SECOND OF MOTIFICATION OF SOME	DATE SIGNED
		11-20-00

Customer ID and Site Address:

Cust ID: 5

3750 Harrison Blvd. Ogden, UT 84408 3001 County: Weber

Telephone (801)626-7931

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-R-0013 CUSTOMER NUMBER: 1013

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

N P S Pharmaceuticals 420 Chipeta Way, Suite 240

Telephone:

(801)583-4939

Salt Lake City, UT 84108

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or heid for these purposes. Attach additional sheets if necessary)

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAF	RCH FACILITY ( Attach additio	onal sheets if necessary or use APHIS Form 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs	.0	0	0	0	0
5. Cats	0	0	0		
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primate	0	0	0	0	0
0. Sheep	0	0	0	0	0
1. Pigs	0	0	Ω	0	0
2. Other Farm Animals	0	Ŏ	Ŏ	Ö	, o
3. Other Animals					
ASSURANCE STATEMENTS	3	I			
actual research, teac  2) Each principal inves  3) This facility is adher investigator and app IACUC-approved exc	thing, testing, surgery, or tigator has considered all ing to the standards and i proved by the Institutional ceptions, this summary in	experimentation were foll ternatives to painful proce regulations under the Act, Animal Care and Use Cor cludes a brief explanation	owed by this research facility. dures. and it has required that exception mmittee (IACUC). A summary of all of the exceptions, as well as the	oct 2 2000 ns to the standards and regulations be specified and explained species and number of animals affected.	d by the principal n to identifying the
4) The attending veteri	narian for this research fa		nority to ensure the provision of a	dequate veterinary care and to oversee the adequacy of other	espects of animal ca
			e Officer or Legally Responsib	ala finetitutional/Official \ \ \A \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	-00 FAX
SIGNATURE OF C.E.O		_	NAME & TITLE OF C.E.O	OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED

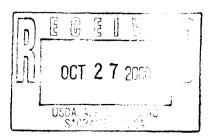
# Annual Report Site Listing: Customer ID and Site Address:

Cust ID: 1013

420 Chipeta Way, Suite 240

Salt Lake City, UT 84108 County: Salt Lake

Telephone (801)583-4939



(CC = JD ==

This report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-R-0018

CUSTOMER NUMBER:

1629

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Frontier Biomedical, Inc. 1785 North 730 West

Telephone:

(435)752-5007

Logan, UT 84341

othersites FACILITY LOCATIONS (Sites) - See Alached Listing

A.  Animals Covered	B. Number of animals being bred, conditioned, or	inimals being animals upon upon which ired, which teaching, experiments,		Number of animals upon which teaching,     experiments, research, surgery or tests were     conducted involving accompanying pain or distress     to the animals and for which the use of appropriate	F.  TOTAL NUMBER  OF ANIMALS
By The Animal Welfare Regulations	heid for use in teaching, testing, experiments, research, or surgery but not y	experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	(COLUMNS C+D+E)
4. Dogs	Ø	Ø	Ø	$\mathcal{D}$	Ø
5. Cats					Ø
6. Guinea Pigs					Ø
7. Hamsters					Ø
8. Rabbits					Ø
9. Non-human Primate			7		Ø
0. Sheep	24	8	28		36
1. Pigs	Ø	Ø	104		104
2. Other Farm Animals	[ C ]				0
					Ø
3. Other Animals					Ø
		1			
	1				

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and follo actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal ca

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)					
SIC	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED			
	<u></u>	11/16/00			

APHIS FORM: ( AUG 91 )

See attached form for

Interagency Report Control No.:

can	2 (1 000 £140). Pallul	e to report according to the	.o . againtions		additional information		
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE  ANNUAL REPORT OF RESEARCH FACILITY  ( TYPE OR PRINT)						ORM APPROVED 4B NO. 0579-0036	
			Frontier Biomedical, Inc. 1785 North 730 West Telephone: (435)752-5007 Logan, UT 84341				
3. REPORTING FACILITY (	List all locations where ani		n actual research, tes		ntation, or held for these purposes. Attach a	dditional sheets if ne	
REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEA	RCH FACILITY ( A	Attach addition	nal sheets if necessary or use APHIS	Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a		E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to		F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	Ø	Ø	Ø		Ø		Ø
5. Cats							Ø
6. Guinea Pigs							Ø
7. Hamsters							Ø
3. Rabbits							70
9. Non-human Primate			)				Ø
0. Sheep	24	8	28				36
1. Pigs	Ø	Ø	104				104
2. Other Farm Animals							0
				· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	D
3. Other Animals							Ø
						7	
						The control of the co	i i
ASSURANCE STATEMENTS						Control of the Contro	A CONT.
actual research, teac 2) Each principal inves 3) This facility is adher investigator and app IACUC-approved exceptions.	ching, testing, surgery, or tigator has considered ai- ing to the standards and proved by the institutional ceptions, this summary in	r experimentation were fol- itematives to painfut proce regulations under the Act I Animal Care and Use Cor octudes a brief explanation actility has appropriate aut	lowed by this resear edures. , and it has required mmittee (IACUC). A n of the exceptions, hority to ensure the	that exceptions summary of all a as well as the sp	s to the standards and regulations be spea such exceptions is attached to this annua pecies and number of animals affected. equate veterinary care and to oversee the	OV 2 7 200 cified and explained report. In addition	by the principal fo identifying the
					CH FACILITY OFFICIAL e Institutional Official)		
SIGNATURE (					OD INSTITUTIONAL OFFICIAL (T TP	rint	DATE SIGNED
			=				111/16/00

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 87-R-0020 CUSTOMER NUMBER: 1831

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Utah Artificial Heart Inst. 803 North 300 West

Telephone:

Salt Lake City, UT 84103

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	Ø	B	Ø	· Ø	Ø
5. Cats	Ø	Ø	Ø	Ø	B
6. Guinea Pigs	Ø	Ø.	Ø	Ø .	4
7. Hamsters	Ø	Ø	Ø	B	Ø
8. Rabbits	Ø	Ø	4	Ø	4
9. Non-human Primate	Ø	Ø	<i>\$</i>	Ø	Ø
0. Sheep	19	Ø	10	K	10
1. Pigs	Ø	,D	2	Ø	2
2. Other Farm Animals	2	Ø	10	Ø	10
3. Other Animals	<u>B</u>	Ø	φ	Ø.	Ø
ASSURANCE STATEMENT		<u> </u>			• •

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and franquillzing drugs, prior to, during, and follo actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected:
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal ca

	ATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (xecutive Officer or Legally Responsible Institutional Official)	ioliiloo
SIGNATURE OF CE OLOR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.Q. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED
		300700

( AUG 91 )

(Replaces VS FORM 18-23 (OCT 88), which is obsolete

Customer ID and Site Address:

Cust ID: 1831

9990 South 3100 East Sandy, UT 84092 County: Salt Lake Telephone (999)999-9999

OCT 10 2363

# O Utah Artificial Heart Institute



October 3, 2000

To:

United States Department of Agriculture

9580 Micron Ave. Suite J Sacramento, CA 95827

From: (b)(6), (b)(7)(C)

Salt Lake City, UT 84103

Registration number: 87-R-0020

Re:

October 1999 through September 2000 Annual Report

There were no animals used at the Utah Artificial Heart Institute between October 1999 to September 2000 pertinent to column E upon which teaching, experiments research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesia, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching research experiments, surgery, or tests. There were also no exceptions to the regulations and standards, specified and explained by the principal investigator and approved by the IACUC. There were also no experiment conducted at UAHI with "death as an endpoint"

Sincerely,



